



IFW

Case No. 62601 CON1

**MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

In re Application of: **MEARS ET AL.**  
Serial No.: **10/716,994**  
Filed: **NOVEMBER 11, 2003**  
For: **SEMICONDUCTOR DEVICE INCLUDING BAND-ENGINEERED  
SUPERLATTICE**

Sir:

Transmitted herewith is an INFORMATION DISCLOSURE STATEMENT in the above-identified application.

1. ☒ This IDS is submitted under 37 C.F.R. § 1.97. No fee is required.
2. ☐ This IDS is submitted under 37 C.F.R. § 1.97(c). Enclosed is a check in the amount of \$ 180.00.
3. ☐ This IDS is submitted under 37 C.F.R. § 1.97(c) and (e). No fee is required.
4. ☐ This IDS is submitted under 37 C.F.R. § 1.97(d) and (e). Enclosed is a check in the amount of \$130.00 to cover the petition fee.
5. ☒ The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.
6. ☒ Please associate this application with Customer No. 27975.



27975

PATENT TRADEMARK OFFICE

Date: AUGUST 27, 2004

CHRISTOPHER F. REGAN  
Reg. No. 34,906

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
MEARS ET AL. )  
Serial No. 10/716,994 )  
Filing Date: NOVEMBER 11, 2003 ) Attorney Docket No.  
62601\_CON1  
For: SEMICONDUCTOR DEVICE INCLUDING )  
BAND-ENGINEERED SUPERLATTICE )

CITATION UNDER 37 CFR §1.97

MAIL STOP AMENDMENT

COMMISSIONER FOR PATENTS

P.O. BOX 1450

ALEXANDRIA, VA 22313-1450

Sir:

Attached is a form PTO-1449 listing several references for consideration in the examination of the above-identified application. A copy of each reference may be found in application Serial No. 10/603,621 filed June 26, 2003 which is the parent application of Serial No. 10/647,060 filed August 22, 2003 which in turn is the parent of the present application. It is requested that these references be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR §1.97 and Section 609 of the MPEP.

Respectfully submitted,



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407/841-2330

Attorney for Applicants



In re Patent Application of:

**MEARS ET AL.**

Serial No. 10716,994

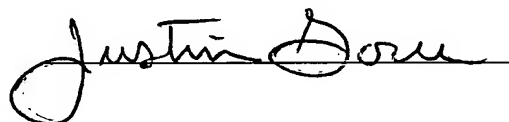
Confirmation No. 7583

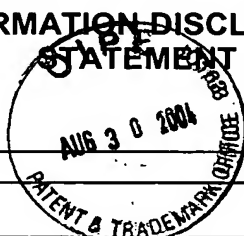
Filed: **NOVEMBER 19, 2003**

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, on this 27<sup>th</sup> day of August, 2004.

Justin Dore

**INFORMATION DISCLOSURE****STATEMENT**

Atty Docket:  
 Serial No.:  
 Applicant:  
 Filing Date:  
 Group:

62601\_CON1  
 10/716,994  
 MEARS ET AL.  
 NOVEMBER 19, 2003

**U.S. PATENT DOCUMENTS**

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	AA	4,485,128	11/27/84	Dalai et al.	427	85	
	AB	6,326,311	12/4/01	Ueda et al.	438	694	
	AC	6,350,993	2/26/02	Chu et al.	257	19	
	AD	6,376,337	4/23/02	Wang et al.	438	478	
	AE	6,436,784	8/20/02	Allam	438	380	
	AF	6,501,092	12/31/02	Nikonov et al.	257	29	
	AG	6,566,679	5/20/03	Nikonov et al.	257	29	
	AH	6,621,097	9/16/03	Nikonov et al.	257	17	
	AI	2003/0162335	8/28/03	Yuki et al.	438	151	3/4/03
	AJ	2003/0215990	11/20/03	Fitzgerald et al.	438	172	3/14/03
	AK						
	AL						
	AM						
	AN						
	AO						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Sub Class	Translation
	AP	61220339A	9/30/86	Japan	H01L21	322	English Abstract
	AQ	61145820A	7/3/86	Japan	H01L21	20	English Abstract
	AR	99/63580	12/9/99	WO	H01L3	00	n/a

**EXAMINER:****DATE CONSIDERED:**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.